

TELEFAX 14

CONFIDENTIAL
INFORMATION REPORT

REPORT

CG NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 1 DEC 51

SUBJECT

NO. OF PAGES 6

50X1-HUM

Concerns

PLACE
ACQUIRED

NO. OF ENCLS.
LISTED BELOW

DATE OF INFO.

SUPPLEMENT TO
REPORT NO.

50X1-HUM

THIS IS UNEVALUATED INFORMATION

50X1-HUM

electrical and wireless engineering concerns.

1. VEB Roehrenwerk (VVB RET), Neuhaus am Rennweg, Thuringia

The test shop was reported capable of delivering 30,000 tubes in April, thereby exceeding the total target figure. However, it would not be possible to meet the target for some types of tubes. The following bottlenecks existed:

- a. The "Geometry" of type UCL 11 and ECL 11 was not available.
- b. There was much repair work to be done in the test shop. The tube mounts department had completed its repairs and would be able to assist the test shop as of 26 April.
- c. The assembly department was assembling 1700 tubes of types ECL/UCL 11 daily. This figure must be increased to 2000 daily.

50X1-HUM

50X1-HUM

2. VVB Berliner Gluehlampenwerk (VVB RFT), Berlin 017

the raw materials situation

50X1-HUM

- a. Glass bulbs: Weisswasser (1) supplied only 1,036,000 bulbs during May, instead of the promised 1,240,000. However, the firm had agreed to supply 1,470,000 in June.
- b. Electrode caps: stocks on hand or expected would suffice for June and July. No further supplies of deep-drawn sheets were expected, and, as of August, glass caps would have to be used.
- c. Soldering wire: 610 kg were on hand, i.e., sufficient for seven weeks.
- d. Adhesive strips (Klebestreifen): Stocks were sufficient for three months.
- e. Copper wire: Requirements were 635 kg of 0.4 mm and 135 kg of 0.5 mm wire.

~~CLASSIFICATION~~ ~~CONFIDENTIAL~~ ~~SECRET/CONTROL~~ U.S. OFFICIALS ONLY

~~SECRET/CONTROL~~
~~CONFIDENTIAL~~
~~DISTRIBUTION~~

STATE	NAVY	NSRB	CONFIDENTIAL									
ARMY	AIR	FBI	DISTRIBUTION									

REFERENCE COPY
DO NOT CIRCULATE

Document No. _____ 00
No Change in Class. ☐
☐ Declassified
Class. Changed To: TS 1 (C)
Auth: HR 70-2

50X1-HUM

~~CONFIDENTIAL~~

SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

50X1-HUM

- 2 -

Sufficient supplies for June and July could be obtained by drawing wire of larger dimensions, but the supplying firms had stated that it was unlikely that further supplies would be made available, and a serious cut in production was expected if the Ministry could not obtain further supplies.

- f. Nickel wire: Stocks were sufficient for June to August. Some of it would however, have to be drawn to a finer diameter.
- g. F-wire: (2) Stocks and supplies would barely cover the June requirements. However, as of July the factory would have to produce a sufficient quantity itself to cover its requirements and those of the other lamp and tube factories in the Russian Zone. June production would be about 70 kg. The total requirements of the Russian Zone would be about 250 kg per month.
- h. Hydrogen: Stocks for 13 days were on hand. Oxygen stocks were sufficient for 8 days and crude nitrogen for 12 days. Further regular supplies were expected. Stocks of pure argon were sufficient for June; 500 kg were expected to arrive in June. The remaining 100 kg required for that month were to be manufactured by the factory itself.
- i. Neon-helium: Monthly requirement, 100 liters. Stocks on hand were 70 liters; 200 liters were on order and were expected to arrive soon.
- j. Purest neon: Monthly requirement 15 liters. Stocks on hand were 25 liters. Delivery of 150 liters on order was promised for June.

50X1-HUM

3. VEB Permeldewerk Leipzig (VVB RFT)

Because certain raw materials were known to be in short supply, the factory management amended the planned target (Plansoll) for the factory by substituting planned production with less complicated apparatus and issued at each monthly production conference a delivery target (Liefersoll) for the month. Production within the framework of the target plan was as follows during the first half of 1951:

Branch exchanges (Nebenstellenanlagen)	118%
TfE apparatus Types 1 & 2	66%
Medium circular relays	102%
Relay rails (Relaischienen) for the ME 8.	64%
"Glimmschutzgeraete" (Glow protection devices?)	100%
Overall figure	88%
(137% in 1st and 61% in 2nd Quarter)	

4. Production in the second quarter amounted to about 1,900,000 DM altogether. This low figure meant that production must be much increased during the second half-year. Planned figures for each month were as follows (those for the last were low because the telegraphy program would be starting, and output would of necessity be low):

July	1,600,000 DM	October	1,400,000 DM
August	2,000,000	November	1,400,000
September	1,800,000	December	1,000,000

5. Detailed production statistics for June and the second quarter 1951 were as follows:

Type of Instrument	Target for 2nd Quarter 51	Target for June	Actual pro- duction for June	Actual production for 2nd Quarter 51
Carrier frequency telecommunications equipment	1,575,000 DM	630,000 DM	201,600 DM	441,000 DM
Subsidiary telephone exchanges	1,127,760	851,500	608,800	1,131,030

SECRET/CONTROL U.S. OFFICIALS ONLY
~~CONFIDENTIAL~~

~~CONFIDENTIAL~~
 CONTROL - U.S. OFFICIALS ONLY
 SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

50X1-HUM

- 3 -

<u>Type of instrument</u>	<u>Target for 2nd Quarter 51</u>	<u>Target for June</u>	<u>Actual production for June</u>	<u>Actual production for 2nd Quarter 51</u>
Components for telecommunications equipment	288,000	180,000	99,730	205,344
Special accessories	303,000	101,202	48,480	77,570
Repairs	1,000	334	1,071	1,071
Work on contract	1,000*	30,350	26,322	66,821

6. Carrier frequency telecommunications equipment

50X1-HUM

32 sets were completed in June. The planned target was 100 and the delivery target, allowing for the shortages of O-cores, was 25. The delivery target for July was 100 sets. The delivery plan for the second quarter was amended

7.

Information concerning Poland's Leipzig Fair enquiry concerning the delivery of 160 sets had been received by DARA, but has not yet been passed on to the factory.

50X1-HUM

8. Items being made by ENKO (Entwicklung und Konstruktionsbüro) had been reported previously. Those in production at the Fernmeldewerk were as follows (3 signal strength indicators)).

50X1-HUM

- Lot 1. CCI Generator Gu. 405
- Lot 2. Carrier generator GE. 502.
- Lot 3. Carrier generator Ge. 503.
- Lot 4. Modulator and amplifier.
- Lot 5. Band pass for Tfc 3 and band pass for Tfc 4.
- Lot 6. Level indicator Mu. 409.
- Lot 7. Level indicator Mu. 602.
- Lot 8. Calibrating line Xb. 705. (Was being built by ENKO).
- Lot 9. Chassis Ku. 402.

9. Branch telephone exchanges

Switchboard (Gluehlampenschraenke (wall board)) The June target of 50 sets could not be attained, because of a shortage of flat relays (from EAW Treptow) (3) and binding strips (Rueckloetsicherungsstreifen) (from Arnstadt) (4). The July target was set at 51 sets. The June target of 65 upright switchboards could not be attained, because of a shortage of plugs, binding strips, and toggle switches (Klinkenstreifen) (from Blankenburg) (5). Only 45 of the latter sets could be completed. Production statistics at the end of June were as follows:

~~SECRET~~ CONTROL U.S. OFFICIALS ONLY
CONFIDENTIAL
 SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

50X1-HUM

- 4 -

	<u>Quantity</u>	<u>Planned Subassembly to Number</u>	<u>Actual %</u>	<u>Planned Assembly to Number</u>	<u>Assembly to Test shop Monthly</u>	<u>Assembly to Testshop Total</u>	<u>Testshop to Sales Monthly</u>	<u>Testshop to Sales Total</u>	
									50X1-HUM
a.	Wall board (Wandschrank)								
	100	100	100	100	46	59	40	49	50X1-HUM
	100	100	30	100	-	-	-	-	
b.	Upright board (Standschrank)								
	100	100	100	100	4	93	5	93	50X1-HUM
	100	100	100	100	32	100	40	102	
	90	90	60	90	-	-	-	-	

10. Cabinets for Wismut AG: The four cabinets made for Wismut AG were refused by the customer. Another 8 cabinets were ordered, so that 12 modified cabinets would have to be delivered. An order for some cabinets was expected from a Soviet military unit.

11. Components for telecommunications equipment

"Mittleres Rundrelais (sic) according to drawing 4722". The June target of 23,565 was not attained; only 11,700 were completed during the month. The accumulating backlog required the completion of 42,000 by the end of July, and of 60,000 altogether by the end of August. Expansion of capacity was impossible because of the shortage of skilled labor and the increased output would have to be attained by improvements in organization. The delivery target for July was set at 19,230.

12. Special accessories for electrical communications equipment and measuring instruments

Relay rails for the ME.8.: The June target of 170 sets could not be attained, because Brutzen (6) complained about the switch plates and therefore 200 rails were required to be modified. The July target was set at 160 sets + 50 repairs + 80 of "Stage II". Production statistics at the end of June were as follows?

50X1-HUM

13.

Quantity	Planned Subassembly to Number	Actual %	Planned Assembly to Number	Assembly to Test Shop		Testshop to Sales		50X1-HUM
				Month	Total	Month	Total	
1360	1360	95	1360	105	1295	80	1199	50X1-HUM
300	300	100	80	-	-	-	-	

- a. Post office repair program: The June target of 500 was not attained. The July target was also set at 500.
- b. Small testing boxes: It was proposed that production begin in August, although final specifications had not yet been received. Eighty had been ordered, some of 24 volt and the remaining of 60 volt. It was hoped to manufacture 20 in August.
- c. Abteilung (section) Plagwitz (formerly Stoecker & Co.): The following production has been planned for the third quarter:

15,000 box alarm (Dosenwecker)
 15,000 microphones cases
 1,500 door openers.

50X1-HUM

~~SECRET~~ CONTROL U.S. OFFICIALS ONLY
CONFIDENTIAL

~~CONFIDENTIAL~~ U.S. OFFICIALS ONLY
 SECURITY INFORMATION
 CENTRAL INTELLIGENCE AGENCY

50X1-HUM

- 5 -

- d. Special orders: Because of the large export demand for measuring instruments, it was decided that the factory should manufacture 150 RLC measuring bridges, for which Erfurt (5) would provide the constructional details. However, the Ministry had been asked to rescind this decision and to allocate the whole production of 300 bridges to Erfurt (5), since that would be more economical than dividing the production between the two factories.

50X1-HUM

14. VEB Geraetewerk Chemnitz (VVB RFT)

The June production plan was exceeded to 113.5%. The production planned for July was as follows:

50X1-HUM

- 2500 Switchboard instruments. (Personnel difficulties had arisen. Also difficulties in completing the Hungarian order for 400 instruments).
- 600 "Multizet" (sic) old. (Mirrors were lacking, and there were personnel difficulties in the assembly department)
- 400 "Multizet" (sic) new. (Housings were lacking)
- 25 Table instruments Kl.0.5.
- 35 " " Kl.1.
- 80 Portable wattmeters. (The modified system holder were expected to be ready in the near future, and a test series of 100 would be made by 1 August.)
- 20 Circular wattmeters.
- 30 10-Ohm instruments.
- 200 Small ohmmeters.
- 70 Optical galvanometers.
- 10 Optical instruments.
- 30 Precision Wheatstone bridges. (Chemnitz was to take over gradually the production from Scheibenberg, (5) which would be fully occupied with "Thermofedersaetze"(sic).
- 15 Circular ohmmeters.
- 15 Table ohmmeters.
- 15 Precision wattmeters. (Prototype ready. Difficulties in assembly. A decision about the practicability of these instruments was to be made as soon as possible.)
- 50 Buzzers.
- 400 Vibrator power units for Arnstait. (722 and 600 had been returned and the laboratory was to see what could be done with them as soon as possible.)
- 400 Vibrator power units for Stern-Radio.
- 50 Earphones for Wheatstone bridges.
- 400 Double earphones, Wismut model.
- 2000 "Thermofedersaetze" (sic) in Chemnitz.
- 3000 "Thermofedersaetze" (sic) in Scheibenberg. (5)
- 500 Polarized relays. (The factory had sent 10 kg of Mu-metal to Bautzen, for the manufacture of 200 cores).
- 4000 Motorcar regulators. (1500 induction coils not available).
- 1400 Motorcycle regulators. (About 50,000 DM less than in previous month).
- 1500 Tachometers (Zaehlwerke). (Number drums not available. Rheinmetall wanted an increase in production of 40% next year, and the factory agreed to that.
- 300 Single-pole switches. (Drawings were not ready, but the planned figure could probably be met).
- 300 Double-pole switches.
- Teleprinters. (Tools for upper and lower carriages, as well as the type-raising device (Typenhebelkorb) were reported ready, and individual parts were in the subassembly. The works director asked everyone to make a special effort to prove that the factory could fulfil its contract on time, in spite of the difficulties which Werk HF (5) had met.)
- Pico miniature railway (sic).

~~CONFIDENTIAL~~ U.S. OFFICIALS ONLY

~~SECRET~~ CONTROL U.S. OFFICIALS ONLY
CONFIDENTIAL
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

50X1-HUM

- 6 -

- (1) Comment: Probably Spezialglaswerk Einheit, Weisswasser, Ober-Lausitz. 50X1-HUM
- (2) Comment: Possibly filament wire. 50X1-HUM
- (3) Comment: Possibly Elektro-Apparatewerke (AEG Treptow), Berlin-Treptow, S036, Hoffmannstrasse 15-24. 50X1-HUM
- (4) Comment: Possibly VEB Glühlampenwerk (VVB RFT), Stadtilmerstrasse 39, Arnstadt, Thuringia or VEB Fernmeldewerk (VVB RFT), Arnstadt, Thuringen. 50X1-HUM
- (5) Comment: Not further identified.
- (6) Comment: Probably VEB Fernmeldewerk Bautzen (VVB RFT) . 50X1-HUM

* As received.

~~SECRET~~ CONTROL U.S. OFFICIALS ONLY
CONFIDENTIAL